

ABSTRACT OF THE DISCLOSURE

A system and method for utilizing virtual ports associated with a physical port in a Fibre Channel adapter for use in a clustered storage system is disclosed. A plurality of virtual ports are created and associated with a physical port on a storage system. One of 5 the virtual ports is utilized as a standby port to be used to assume the identity of a port associated with a failed storage system in the cluster. In the event of a failover operation, the standby port is activated and assumes the identity of the failed storage systems port. Data access requests previously directed to the failed storage system are received by the activated virtual port and processed by the surviving storage system.